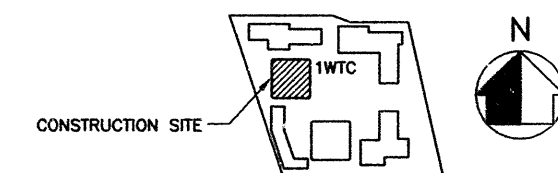


NOTES:

1. FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES, SEE DWG. E-1. FOR INSTALLATION DETAILS, SEE DWG. E-2. FOR WIRING DIAGRAMS, SEE DWG. E-3.
2. NOT USED
3. NOT USED
4. SINCE FIRE ALARM CIRCUIT LENGTH IS CRITICAL, ROUTING AND INSTALLATION OF ALL FIRE ALARM CIRCUITS SHALL BE AS SHOWN ON DRAWING.
5. NOT USED

STROBE CIRCUIT/LOADING TABLE

STROBE TYPE AND RATING	TYPE	15cd	30cd	75cd	110cd	CURRENT PER CIRCUIT (AMPS.)	CIRCUIT LENGTH (FT.)
QUANTITY OF STROBES PER CIRCUIT	STR-A	6	0	4	0	1.038	393
	STR-B	8	1	3	0	1.099	439
	STR-C	12	3	1	0	1.221	404
	STR-D	12	2	0	1	1.165	539
	STR-E	8	2	0	1	0.913	413
	STR-F	10	1	2	0	1.050	405
GRAND TOTAL						6.496	2593



KEY PLAN

0 12 24
SCALE IN FEET

WORLD TRADE CENTER
ENGINEERING DEPARTMENT
DESIGN DIVISION
WORLD TRADE
CHIEF ELECTRICAL ENGINEER

1 8/23/99 AS-BID
No. Date Revision Approved

ENGINEERING DEPARTMENT
DESIGN DIVISION
WORLD TRADE CENTER

ELECTRICAL
Title
FIRE ALARM SYSTEM
DEVICE UPGRADE
PHASE III
1 WORLD TRADE CENTER
CONTRACT NO. 3
55th FLOOR
STROBE
INSTALLATION PLAN

This drawing subject to conditions in Contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

S. FELDSTEIN E.KOTSKI A.S.
Designed by Drawn by Checked by

AUGUST 9, 1999
Date

WTC-861.176 E-055-4
Contract Number Drawing Number